	Application No.	Applicant(s)
Notice of Allowability	09/699,108	MOU, HENSEN
	Examiner	Art Unit
	Brian D. Nguyen	2661

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *11/16/05*.

2. ☒ The allowed claim(s) is/are *1,51-54,75,2-5,55-58,76,79-84,6-18,59-62,77,19,22-23,63-66,78,24-25,67-68,85,69-70,26-29,31-33,71-74,37-46 (renumbered 1-75, respectively)*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some*   c)☐ None of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a)☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1)☐ hereto or 2)☐ to Paper No./Mail Date _____ .

    (b)☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of
    Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

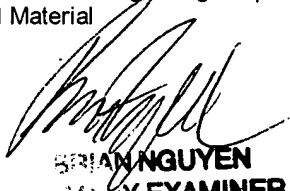4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *01092006* .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

BRIAN NGUYEN 1/12/06
PRIMARY EXAMINER

U.S. Patent and Trademark Office

PTOL-37 (Rev. 7-05)   **Notice of Allowability**   Part of Paper No./Mail Date 01092006

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

2.   Authorization for this examiner's amendment was given in a telephone interview with

Elise R. Heilbrunn on 1/9/06.

3.   The application has been amended as follows:

        - On page 1, lines 13-15, please amend the specification as follows:

        This application is related to Docket No. NEV1P001, U.S. Application No. ~~09/699,108~~

09/698,701 filed on the same day, and entitled "INTERACTIVE DATA TRANSMISSION

SYSTEM."

        - Claim 18. The method as recited in claim ~~13~~, 15 wherein the first file is a movie file or

a karaoke file and the second file is a movie file or a karaoke file.

        - Claim 19. In a first network including a local server coupled to a central server, the

local server being coupled to a plurality of network devices via a second network, a method of

interactively controlling from one of the plurality of network devices a flow of audio visual data

from the central server to the network device, the local server having a memory associated

therewith, the method comprising:

        receiving a control command at the local server from the network device via the second

network, the control command indicating a desired initiation of audio visual data flow associated

with a specified file;

determining whether the specified file is stored in the memory associated with the local server; and

when it is determined that the specified tile is not stored in the memory associated with the local server, sending the control command from the local server to the central server via the first network, receiving an audio visual data stream from the central server at the local server via the first network in response to the control command; and sending the audio visual data stream from the local server to the network device via the second network such that the network device interactively controls the flow of audio visual data from the central server to the network device; wherein the central server is configured to transmit a modified audio visual data stream in response to another control command received from the network device, the other control command indicating a desired modification to the flow of the audio visual data.

- Claim 20 (Cancelled).

- Claim 22. The method as recited in claim 19 20, further comprising:

when it is determined that the specified file is not stored in the memory associated with the local server, storing the audio visual data stream in a file in the memory associated with the local server.

- Claim 24. In a local server, the local server being coupled to a central server in a first network, the local server being coupled to a plurality of network devices via a second network, a method of interactively controlling from one of the plurality of network devices a flow of audio visual data from the central server to the network device, the local server having a memory associated therewith, the method comprising:

receiving a control command at the local server from the network device via the second

network, the control command indicating a desired initiation of data flow associated with a

specified file;

sending the control command from the local server to the central server via the first

network;

receiving an audio visual data stream from the central server at the local server via the

first network in response to the control command; and

transmitting the audio visual data stream from the local server to the network device via

the second network such that the network device interactively controls the flow of audio visual

data from the central server to the network device; wherein the central server is configured to

transmit a modified audio visual data stream in response to another control command received

from the network device, the other control command indicating a desired modification to the

flow of the audio visual data.

- Claim 26, A central server ~~adapted~~ for transmitting an audio visual data stream from the

central server to one or more of ~~the~~ a plurality of network devices via ~~the~~ a local server,

comprising:

a processor; and

a memory, at least one of the processor and the memory being configure for:

receiving a control command at the central server from one of ~~a~~ the plurality of

network devices via ~~a~~ the local server, the local server being coupled to the central server

via a first network and being coupled to the plurality of network devices via a second

network, the control command indicating a desired modification to the audio visual data

stream being transmitted from the central server to the one of the plurality of network

devices via the local server; and

      sending a modified audio visual data stream from the central server to the network

device via the local server in response to the control command, thereby enabling an audio

visual data stream being transmitted from the central server to the network device to be

interactively controlled from the network device.

- Claim 29. A local server comprising:

a processor; and

a memory, at least one of the processor and the memory being configured for:

receiving a control command at the local server from one of a plurality of network

devices via a second network, the local server being coupled to a central server via a first

network and being coupled to the plurality of network devices via the second network, the

control command requesting an initiation of audio visual data flow associated with a specified

file;

      determining whether the specified file is stored in a memory associated with the local

server; and

      when it is determined that the specified file is not stored in the memory associated with

the local server, sending the control command from the local server to the central server via the

first network, receiving an audio visual data stream at the local server from the central server via

the first network in response to the control command and sending the audio visual data stream

from the local server to the network device via the second network such that the network device

interactively controls the flow of audio visual data from the central server to the network device;

wherein the central server is configured to transmit a modified audio visual data stream in response to another control command received from the network device, the other control command indicating a desired modification to the flow of the audio visual data.

- Claim 32. A system for enabling a continuous stream of audio visual data to be sent to a network device, comprising:

a central server having a memory associated therewith, the memory having stored therein a plurality of files;

a local server coupled to the central server via a first network and having a memory associated therewith, the local server configured to obtain a file from the central server when the file that is requested is not stored in the memory associated with the local server; and

a plurality of network devices coupled to the local server via a second network, each of the plurality of network devices being configured for sending a file request to the local server, the file request indicating a request for audio visual data associated with a requested file; wherein the local server is configured to transmit an audio visual data stream associated with the file to one of the plurality of network devices via the second network when the file is obtained from the central server in response to the file request received from the one of the plurality of network devices, wherein the central server is configured to transmit a modified audio visual data stream in response to a control command received from the one of the plurality of network devices, wherein each of the plurality of network devices is configured to send the control command indicating a desired modification to the audio visual data stream being transmitted to the corresponding network device, and wherein the local server is configured to process the modified audio visual data stream transmitted by the central server to the network device such that the

network device interactively controls the flow of audio visual data from the central server to the

network device.

    - Claim 34 (Cancelled).

    - Claim 35 (Cancelled).

    - Claim 36 (Cancelled).

    - Claim 42. A computer-readable medium containing computer executable instructions

~~adapted~~ for interactively controlling from a network device a flow of audio visual data from a

central server to the network device, comprising:

    instructions for receiving a control command at ~~the~~ a local server from the network

device, the control command indicating a desired initiation of data flow associated with a

specified file;

    instructions for sending the control command from the local server to the central server

via the Internet, the central server being coupled to the network device via the local server,

wherein the local server is coupled to a plurality of network devices including the network

device;

    instructions for receiving an audio visual data stream at the local server transmitted from

the central server via the Internet in response to the control command; and

    instructions for sending the audio visual data stream from the local server to the network

device such that the network device interactively controls the data flow from the central server to

the network device; wherein the central server is configured to transmit a modified audio visual

data stream in response to another control command received from the network device, the other

control command indicating a desired modification to the flow of the audio visual data.
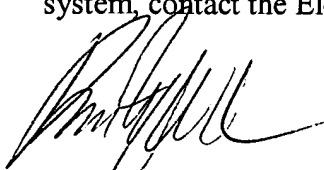
Conclusion

4.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Brian D. Nguyen whose telephone number is (571) 272-3084.

The examiner can normally be reached on 7:30-6:00 Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Chau Nguyen can be reached on (571) 272-3126. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

1/12/06

**BRIAN NGUYEN
PRIMARY EXAMINER**